

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

APR 14 2004

Sheet

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of

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## Complete if Known

Application Number	10/748,517
Filing Date	December 30, 2003
First Named Inventor	Brett A. Boutwell et al.
Art Unit	
Examiner Name	
Attorney Docket Number	127084

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
<i>SM</i>		US-	4,753,902	06/28/88	Ketcham	
		US-	5,180,696	01/19/93	Inoue	
		US-	5,350,599	09/27/94	Rigney et al	
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		US-	5,824,089	10/20/98	Rieger	
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		US-	6,117,560	09/12/00	Maloney	
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		US-	6,183,884 B1	02/06/01	Rickerby	
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		US-	6,319,614 B1	11/20/01	Beele	
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		US-	2002/017283 A1	11/21/02	Rigney et al	
		US-	2003/0049470 A1	03/13/03	Maloney	
<i>SM</i>		US-	2003/0059633 A1	03/27/03	Ackerman et al	
		US-	2003/0224200 A1	12/04/03	Bruce	

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published.	Page
<i>SM</i>		HWANG et al., "Grain Size Control of Tetragonal Zirconia Polycrystals Using the Space Charge Concept", J. Am. Ceram. Soc., 1990, 73(11):3269-77	
<i>SM</i>		KIM, "Effect of Ta <sub>2</sub> O <sub>5</sub> , Nb <sub>2</sub> O <sub>5</sub> , and HfO <sub>2</sub> Alloying on the Transformability of Y <sub>2</sub> O <sub>3</sub> -Stabilized Tetragonal ZrO <sub>2</sub> ", J. Am. Ceram. Soc., 73(1):115-120	
<i>SM</i>		NAKAYAMA et al., "Effect of La <sub>2</sub> O <sub>3</sub> Addition on Thermal Stability of Y-TZP," J. Mat. Sci. Lett., 18:1339-41 (1999)	
<i>SM</i>		VASSEN et al., "Zirconates as New Materials for Thermal Barrier Coatings," J. Am. Ceram. Soc., 83(8):2023-28 (2000)	

Examiner  
Signature

*SM*

Date  
Considered

11/27/04

Attorney Docket No. 127084



### COPENDING U.S. PATENT APPLICATIONS

Examiner Initial	Applicant(s)	Serial No.	Filing Date	Attorney Docket No.
<i>SM</i>	Gorman et al	10/748,516	12/30/03	127051
	Darolia et al.	10/748,519	12/30/03	128895
	Spitsberg et al.	10/748,508	12/30/03	129967
	Spitsberg et al	10/748,520	12/30/03	129968
	Spitsberg et al	10/748,521	12/30/03	130706
	Spitsberg et al	10/748,518	12/30/03	130707
<i>SM</i>	Spitsberg et al	10/748,513	12/30/03	143385